

OPTICAL PROXIMITY DEVICE FOR POWER TOOLS

ABSTRACT

[0023] The present invention is directed to a power tool including a working element for performing a task. A light source is arranged to project a beam of light adjacent the working element. A detector, such as an electro-optic type detector, is communicatively coupled to the power tool such that the detector is capable of detecting the presence of a human body part in the beam of light. If a body part is detected, the detector may communicate to stop operation of the working element.